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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,637,870	Page 1 of 1
APPLICATION NO.: 10/714,155	
ISSUE DATE : December 29, 2009	
INVENTOR(S) : Tissue Penetrating Catheters Having Integral Imaging Transducers and Tr	neir Methods of Use
It is certified that an error appears or errors appear in the above-identified patent and the is hereby corrected as shown below:	at said Letters Patent
Column 16, line 60, "The catheter device of claim 9 farther in combination" should be changed toThe catheter device of claim 9 further in comb	oination

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Medtronic Vascular IP Legal Dept. 3576 Unocal Place

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.